

**SAFETY DATA SHEET****SECTION I - PRODUCT IDENTIFICATION**

**Product Identifier:** Vapro 1200  
**Other means of identification:** VCI Powder  
**Recommended use:** Corrosion inhibitor for ferrous and non-ferrous metals and for compounding into PE resins  
**Manufacturer's Name:** Magna Chemical Canada Inc.  
**Address:** 1450 Government Road West, Kirkland Lake ON P2N 2E9  
**Phone:** 705 642 3352 or 416 479 9151  
**Emergency Only:** Canutec 24hr Tel: 613-996-6666  
**Revision Date:** 15 January 2019

**SECTION II – HAZARDS IDENTIFICATION****GHS CLASSIFICATION:**

Acute Toxicity, Oral: Category 4  
 Skin Corrosion/irritation: Category 2  
 Serious Eye damage/irritation: Category 2

**GHS LABEL ELEMENTS SYMBOL(S)****SIGNAL WORDS:**

Warning

**GHS HAZARDS STATEMENTS:**

H302: Harmful if swallowed  
 H315: Causes skin irritation  
 H319: Causes serious eye irritation

**GHS PRECAUTIONARY STATEMENTS:****PREVENTION**

P264: Wash your hands and face thoroughly after handling.  
 P270: Do not eat, drink or smoke when using this product.  
 P280: Wear protective gloves/protective clothing/ eye protection/ face protection.

**RESPONSE:**

P301 + P312: IF SWALLOWED: Call a POISON CENTRE or doctor or physician if you feel unwell.  
 P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P330: Rinse mouth.  
 P332 + P313: If skin irritation occurs: Get medical advice/ attention.  
 P337 + P313: If eye irritation persists: Get medical advice/attention.

**SECTION III – COMPOSITION / INFORMATION ON INGREDIENTS**

<b>Ingredient Name:</b>	<b>Weight %:</b>	<b>CAS#</b>
Proprietary mixture of corrosion inhibitor	100	N/E

**SECTION IV – FIRST AID MEASURES****Inhalation**

Remove person to an uncontaminated area. Administer oxygen if necessary. If breathing has stopped, administer CPR.

**Skin Contact**

Remove contaminated clothing. Wash affected area with water. If irritation persists, call physician.

**Eye Contact**

Immediately flush with plenty of water for at least 15 minutes. Make sure to flush under eyelids. Consult physician immediately.

**Ingestion**

Induce vomiting if feasible. Get immediate medical attention.

## SECTION V – FIRE FIGHTING MEASURES

**Suitable Fire-extinguishing media**

Foam (alcohol-resistant foam), powder, and carbon dioxide are effective fire-extinguishing agents.

**Specific hazards arising from the chemical**

Product is noncombustible. Water Spray (Fog); Dry Chemical; or Foam may be used where product is stored.

**Special protective actions for fire fighters**

Firemen should wear self-contained breathing apparatus and protective clothing when fighting chemical fires.

## SECTION VI – ACCIDENTAL RELEASE MEASURES

**Personal Precautions, Protective Equipment and Emergency Procedures**

Personal precautions, protective equipment and emergency procedures. Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Avoid breathing dust.

**Environmental Precautions**

Prevent spills from entering drains or sewers and contact with soil.

**Methods and materials for contaminated and cleaning up**

Spills: Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

## SECTION VII – HANDLING AND STORAGE

**Precautions for safe handling**

Do not swallow. Avoid eyes and skin contact. Wear recommended protective equipment. Use only with adequate ventilation. Wash thoroughly after handling material. Avoid formation of dust and aerosols.

**Conditions for safe storage, including any incompatibilities**

Keep container tightly closed when not in use. Store in dry, cool, well-ventilated area away from incompatibles.

## SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

**Airborne Exposure Limits:**

As Nuisance dust: 10 mg/m<sup>3</sup>

**Ventilation System:**

A system of local and/or general exhaust is recommended to keep employee exposures as low as possible. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. Please refer to the ACGIH document, Industrial Ventilation, A Manual of Recommended Practices, most recent edition, for details.

**Personal Respirators (NIOSH Approved):**

For conditions of use where exposure to dust or mist is apparent and engineering controls are not feasible, a particulate respirator (NIOSH type N95 or better filters) may be worn. If oil particles (e.g. lubricants, cutting fluids, glycerin, etc.) are present, use a NIOSH type R or P filter. For emergencies or instances where the exposure levels are not known, use a full-face positive-pressure, air-supplied respirator. WARNING: Air-purifying respirators do not protect workers in oxygen-deficient atmospheres.

**Skin Protection:**

Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

**Eye Protection:**

Use chemical safety goggles and/or a full face shield where splashing is possible. Maintain eye wash fountain and quick-drench facilities in work area.

**Hygienic Work Practices**

Wash hand after use. Do not eat, drink or smoke in immediate area.

## SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance Physical State</b>	Powder
<b>Color</b>	White
<b>Odour</b>	Mild Maple Scent
<b>Odour Threshold</b>	Not applicable
<b>pH</b>	12 ± 1 @ 1% solution
<b>Melting Point</b>	>300 °C
<b>Freezing Point</b>	Not applicable
<b>Boiling Point</b>	Not applicable
<b>Flash Point</b>	Not applicable
<b>Evaporation Rate</b>	Not applicable
<b>Flammability (solid, gas)</b>	Not applicable
<b>Upper explosive limit</b>	Not applicable
<b>Lower explosive limit</b>	Not applicable
<b>Vapour Pressure</b>	Not applicable
<b>Vapour Density</b>	Not applicable
<b>Relative Density</b>	Not applicable
<b>Solubility</b>	Soluble in water
<b>Partition coefficient: n-octanol/water</b>	Not applicable
<b>Viscosity</b>	Not applicable
<b>Auto-ignition Temperature</b>	560°C (1040°F) (Dust Cloud) 680°C (1256°F) (Dust Layer)

## SECTION X – STABILITY & REACTIVITY

**Reactivity/Incompatible materials**

React with strong acid and oxidizing materials.

**Chemical stability**

Stable under normal temperature and pressure.

**Possible of hazardous reaction**

Data not available.

**Conditions to avoid**

Heat, contact with incompatible materials, open flame.

**Hazardous decomposition products**

Burning may produce oxide of carbons and other substances.

## SECTION XI – TOXICOLOGICAL INFORMATION

Acute Toxicity Estimate of mixture (ATE<sub>mix</sub>): Oral (Rat) 1610 mg/kg

Irritation to skin: Cause skin irritation.

Irritation to eye: Cause eye irritation.

Respiratory or skin sensitisation: No sensitisation effects are known or expected.

Germ cell mutagenicity: No genotoxic effects are known or expected.

Carcinogenicity: No carcinogenicity effects are known or expected.

Reproductive toxicity: No reproductive/ developmental toxicity effects are known or expected.

STOT-single exposure: No specific target organ toxicity effects are known or expected.

STOT-repeated exposure: No specific target organ toxicity effects are known or expected.

Aspiration hazard: No aspiration hazard effects are known or expected.

## SECTION XII – ECOLOGICAL INFORMATION

**Eco-toxicity:** There is no data available on the product itself.

**Mobility:** The product should not be allowed to enter drains or watercourses or be deposited where it can affect ground or surface waters. Avoid transfer into the environment.

**Persistence and Degradability:** There is no persistence or degradation data for any component of this product at this time.

**Bio-accumulative Potential:** Not expected to bio-accumulate.

## SECTION XIII – DISPOSAL CONSIDERATIONS

Dispose of in accordance with existing Federal, State and local environmental regulation.

## SECTION XIV – TRANSPORT INFORMATION

	Land (ADR)	Sea (IMDG)	Air (IATA)
<b>UN Number:</b>	Not regulated	Not regulated	Not regulated
<b>Class:</b>	Not regulated	Not regulated	Not regulated
<b>Subsidiary risk:</b>	Not regulated	Not regulated	Not regulated
<b>Packing Group:</b>	Not regulated	Not regulated	Not regulated
<b>Proper Shipping Name:</b>	Not regulated	Not regulated	Not regulated

## SECTION XV – REGULATORY INFORMATION

No information available for this product.

## SECTION XVI – OTHER INFORMATION

**H.M.I.S rating:** Health - 2, Fire – 0, Reactivity – 1, Protection – B

Where

0 = Insignificant

1 = Slight

2 = Moderate

3 = Serious

4 = Severe

A = Safety Glass

B = Safety Glass & Gloves

C = Safety Glass, Gloves & Apron

D = Face Shield, Gloves & Apron

Replaces edition of: 10 March 2016

**H.M.I.S:** Hazardous Materials Identification System

**CAS#:** Chemical Abstracts Service Number

**ACGIH:** American Conference of Governmental Industrial Hygienists

**OSHA:** Occupational Safety and Health Administration

**TLV:** Threshold Limit Value

**PEL:** Permissible Exposure Limit

**REL:** recommended exposure limit

**TWA8:** The time weighted average concentration for a normal 8-hour workday and a 40-hour workweek, to which nearly all workers may be repeatedly exposed, day after day, without adverse effect.

**N.A:** Not applicable

**N/E:** Not establish

**N.D:** Not determine

**C:** Ceiling (The concentration that should not be exceeded during any part of the working exposure).

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